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Date: 05 Aug 2003

T : Roy Roberts	From: David E Graybill
Application/Control Number: 09/785,194	Art Unit: 2827
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Comments:

Information disclosure statement filed 7-7-3.

Number of pages 7 **including this page**

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1

of 6

Complete if Known

Application Number	09/785,194
Filing Date	February 20, 2001
First Named Inventor	Shinji TAKEDA
Art Unit	
Examiner Name	GRAYBILL, D.
Attorney Docket Number	TM&K0006

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
G	A	US- 4,358,581	11-09-1982	Sutton	
	B	US- 4,581,096	04-08-1986	Sato	
	C	US- 4,656,238	04-07-1987	Kunimune et al.	
	D	US- 4,875,279	10-24-1989	Sakiadis	
	E	US- 4,933,219	06-12-1990	Sakumoto et al.	
	F	US- 4,965,331	10-23-1990	Jackson et al.	
	G	US- 4,985,105	01-15-1991	Masuda	
	H	US- 5,145,099	09-08-1992	Wood et al.	
	I	US- 5,177,032	01-05-1993	Fogal et al.	
	J	US- 5,204,399	04-20-1993	Edelman	
	K	US- 5,234,522	08-10-1993	Suzuki et al.	
	L	US- 5,238,730	08-24-1993	Hanawa et al.	
	M	US- 5,250,637	10-05-1993	Shiobara et al.	
	N	US- 5,296,567	03-22-1994	Baumann et al.	
	O	US- 5,319,005	06-07-1994	Hagiwara et al.	
	P	US- 5,360,942	11-01-1994	Hoffman et al.	
	Q	US- 5,432,380	07-11-1995	Jin et al.	
	R	US- 5,476,908	12-19-1995	Kishi et al.	
		US-			

FOREIGN PATENT DOCUMENTS

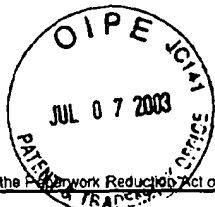
Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
G	S	EP-0271736-A1	06-22-1988	Nippon Steel Chemical Co.		
	T	EP-0837498-A1	04-22-1998	Hitachi Chemical Co.		
	U	JP-3215014	09-20-1991	Seiko Instr.		
	V	JP-02-256251	10-17-1990	MATSUSHITA		
	W	JP-06-326240	11-25-1994	Hitachi Cable Co.		

Examiner Signature	<i>Shinji</i>	Date Considered	7-27-3
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Sheet 2 of 6**Complete if Known**

Application Number	09/785,194
Filing Date	February 20, 2001
First Named Inventor	Shinji TAKEDA
Art Unit	
Examiner Name	GRAYBILL, D.
Attorney Docket Number	TM&K0006

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		Number-Kind Code ² (if known)			
H	X	US- 5,512,628	04-30-1996	Sakumoto et al.	
	Y	US- 5,528,075	06-18-1996	Burns	
	Z	US- 5,635,009	06-03-1997	Kawamura et al.	
	AA	US- 5,659,004	08-19-1997	Takigawa et al.	
	AB	US- 5,728,473	03-17-1998	Inoue et al.	
	AC	US- 5,739,099	04-14-1998	Welch et al.	
	AD	US- 5,827,908	10-27-1998	Arai et al.	
	AE	US- 5,837,368	11-17-1998	Hiroe et al.	
	AF	US- 6,046,072	04-04-2000	Matsuura et al.	
	AG	US- 6,099,678	08-08-2000	Kotato et al.	
G	AH	US- 6,201,945	03-13-2000	Schlueter, Jr. et al	
	AI	US- 6,248,613	06-19-2001	Matsuura et al.	
	AJ	US- 6,372,080	04-16-2002	Matsuura et al.	
	AK	US- 2001/0015484-A1	08-23-2001	Matsuura et al.	
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FOREIGN PATENT DOCUMENTS

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		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				
H	AL	JP-1-165635	11-20-1989	NEC Corp		
	AM	JP-3-228	01-07-1991	HITACHI CABLE		
	AN	JP-5-125337	05-21-1993	SUMITOMO BAKELI		
	AO	JP-5-152386	06-18-1993	SUMITOMO METAL		
	AP	JP-5-152466	06-18-1993	SHIN ETSU CHEM		
G	AQ	JP-5-335379	12-17-1993	TORAY IND INC		

Examiner Signature		Date Considered	7-27-03
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Substitute for form 1449/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use as many sheets as necessary)		Application Number	09/785,194
		Filing Date	February 20, 2001
		First Named Inventor	Shinji TAKEDA
		Art Unit	
		Examiner Name	GRAYBILL, D.
Sheet 3 of 6	Attorney Docket Number	TM&K0006	

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)			
		US-			
		US-			
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		Country Code ³ Number ⁴ Kind Code ⁵ (If known)				
	AR	JP-54-138371	10-26-1979	NEC HOME ELECTR		
	AS	JP-58-222530	12-24-1983	HITACHI LTD		
	AT	JP-58-57730	04-06-1983	NISSHA PRINTING		
	AU	JP-60-145630	08-01-1985	NEC CORP		
	AV	JP-60-38825	02-28-1985	SUMITOMO METAL		
	AW	JP-6-104300	04-15-1994	FUJITSU LTD		

Examiner Signature		Date Considered	7-27-03
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	4	of	6
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Complete if Known

Application Number	09/785,194
Filing Date	February 20, 2001
First Named Inventor	Shinji TAKEDA
Art Unit	.
Examiner Name	GRAYBILL, D.
Attorney Docket Number	TM&K0006

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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		Country Code* Number* Kind Code* (if known)	MM-DD-YYYY		
Q	AX	JP-54-12266	01-29-1979	MITSUBISHI ELEC	
	AY	JP-62-141038	09-05-1987	Irokawa	
	AZ	JP-64-19735	06-12-1990	Tomeogawa Paper	
	BA	JP-64-22744	02-06-1989	Kansai NEC Corp.	
Q	BB	JP-7-90239	04-04-1995	SUMITOMO BAKELITE	

Examiner Signature	<i>[Signature]</i>	Date Considered	7-27-3
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		First Named Inventor	Shinji TAKEDA
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		Examiner Name	GRAYBILL, D.
Sheet 5	of 6	Attorney Docket Number	TM&K0006

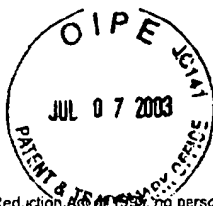
NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
G	BC	"Rubber Elastomer Utility Notes", relates to types of rubber and their chemical structure and properties, July 20, 1991	
	BD	Notice of Reason for Refusal Japanese for Appln. No. 2000-346979 mailed on 10/22/2002 together with English Translation	✓
	BE	Opposition against Japanese Patent No. 3187400	
	BF	Opposition against Japanese Patent No. 3215014	
	BG	European Search Report dated July 8, 2002 (mailed July 15, 2002)	
	BH	Notice of Reason for Refusal for Japanese Appln. No. 7-173493 mailed on August 29, 2000 together with English Translation	✓
	BI	European Search Report dated March 24, 2003 (mailed March 31, 2003) in European Application 03001585.3	
	BJ	Opposition against Japanese Patent No. 3117966	
	BK	Property list, Plastic Reader (1987 15th edition)	
G	BL	International Search Report dated March 12, 1996 (mailed April 2, 1996) for International Application PCT/JP95/02691	

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CA	BM	Notice of Reason for Refusal for Japanese Patent Application 2000-156125	✓
CA	BN	European Search Report dated October 28, 1998 in European Application EP96922225 (Mailed December 10, 1998)	

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